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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/600,380	06/19/2003	Kuo-Wei H. Chen	CHEN 8-4-5-14-4(CIP)	8535

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EXAMINER

KNOWLIN, THJUAN P

ART UNIT	PAPER NUMBER
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2614

DATE MAILED: 09/22/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/600,380	Applicant(s) CHEN ET AL.	
	Examiner Thjuan P. Knowlin	Art Unit 2614	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY(30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 June 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>12/18/03</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections – 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. Claims 1-14 are rejected under 35 U.S.C. 102(e) as being anticipated by Tuohino et al (US 7,027,433).
2. In regards to claims 1, 4, 9, and 12, Tuohino discloses a method and location management apparatus for routing a call through a plurality of networks (for example, the networks may be a circuit switched network (CS), a packet switched network (PS), a IP Multimedia Subsystem network (IMS)) (See col. 3 lines 46-56 and col. 4 lines 50-56) comprising: receiving a call in a subscriber's home network (e.g., CS network) (See col. 1 lines 46-52 and col. 5 lines 19-26); assigning a first call identifier (e.g., MSISDN number (E.164 number) for said call in the subscriber's home network (See col. 5 lines 19-26); determining a second network (e.g., PS network) where the subscriber may be located (See col. 6 lines 5-15); obtaining a second call identifier (e.g., E.164 number) for said call from the second network; obtaining an identification of a first network interface through which said call may be routed; and extending said call from the subscriber's

home network through the first network interface into the second network using the first call identifier and the second call identifier (See col. 6 lines 5-36).

3. In regards to claims 2 and 10, Tuohino discloses a method and location management apparatus, further including: storing the first call identifier in association with the second call identifier (See col. 6 lines 5-30).

4. In regards to claims 3 and 11, Tuohino discloses a method and location management apparatus, further including: storing the identification of the first network interface in association with the first call identifier and the second call identifier (See col. 6 lines 5-30).

5. In regards to claims 5, 7, 13, and 14, Tuohino discloses a method and location management apparatus, further including: informing the subscriber's home network (e.g., CS network) that said call is to be forwarded out of the second network to a third network (e.g., IMS network); obtaining a third call identifier (e.g., E.164 number) for the call from the third network; obtaining an identification of a second network (e.g., PS network) interface to which said call may be routed; extending said call from the subscriber's home network through the second network interface into the third network using the first call identifier and the third call identifier (See col. 6 lines 34-59).

6. In regards to claim 6, Tuohino discloses a method, further including: terminating said call between the subscriber's home network and the second network (See col. 6 lines 5-36).

7. In regards to claim 8, Tuohino discloses a method, further including: terminating said call between the subscriber's home network and the third network via the second network (See col. 6 lines 34-59).

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Cave et al (US Patent Application Publication, Pub. No. : US 2001/0005372 A1) teach cooperative media applications using packet network media redirection. Wong (US 6,185,288) teaches a multimedia call signalling system and method. Gourraud et al (US 7,027,577) teach a method and system for multi-party call conferencing.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thjuan P. Knowlin whose telephone number is (571) 272-7486. The examiner can normally be reached on Mon-Fri 8:30-5:00pm.

10. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wing Chan can be reached on (571) 272-7493. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

11. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Thjuan P. Knowlin

A handwritten signature in black ink, appearing to read 'Thjuan P. Knowlin', with a large, stylized loop at the end.